## 4.0 ENVIRONMENTAL SIGNIFICANCE CHECKLIST



## 4.1 Environmental Factors Potentially Affected

The environmental factors checked below would be potentially affected by this project, but none of the impacts would be a "Potentially Significant Impact" as indicated by the checklist on the following pages.

V	Aesthetics	$\square$	Hazards and Hazardous Materials		Public Services
	Agricultural Resources		Hydrology and Water Quality		Recreation
V	Air Quality		Land Use Planning	$\overline{\checkmark}$	Transportation/Traffic
V	Biological Resources		Mineral Resources		Utilities and Service System
V	Cultural Resources	$\overline{\mathbf{A}}$	Noise		
V	Geology and Soils		Population and Housing		Mandatory Findings of Significance

## 4.2 Explanation of Environmental Impacts

A brief explanation is provided for all answers except "No Impact" answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A "No Impact" answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A "No Impact" answer is explained where it is based on project-specific factors as well as general standards (e.g., the project would not expose sensitive receptors to pollutants, based on a project-specific screening analysis).

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- 2) All answers take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
- Once the lead agency has determined that a particular physical impact may occur, the checklist answers must indicate whether that impact is potentially significant, less than significant with mitigation, or less than significant. "Potentially Significant Impact" is appropriate when there is sufficient evidence that a substantial or potentially substantial adverse change may occur in any of the physical conditions within the area affected by the project that cannot be mitigated below a level of significance. If there are one or more "Potentially Significant Impact" entries, an Environmental Impact Report (EIR) is required.
- 4) A "Mitigated Negative Declaration" (Negative Declaration: Less Than Significant with Mitigation Incorporated) applies where the incorporation of mitigation measures, prior to declaration of project approval, as reduced an effect from "Potentially Significant Impact" to a "Less Than Significant Impact with Mitigation." The lead agency must describe the mitigation measures and briefly explain how they reduce the effect to a less than significant level.

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	Iss	ues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
I.	A	ESTHETICS. Would the project:				
	a)	Have a substantial adverse effect on a scenic vista?			$\square$	
	b)	Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?			<b>☑</b>	
	c)	Substantially degrade the existing visual character or quality of the site and its surroundings?				
	d)	Create a new source of substantial light or glare which would adversely affect day or nighttime views in the area?				Ø
II.	A	GRICULTURAL RESOURCES. Would t	he project:			
	a)	Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance (Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?				V
	b)	Conflict with existing zoning for agricultural use or a Williamson Act Contract?				$\square$
	c)	Involve other changes in the existing environment which, due to their location or nature, could result in conversion of Farmland to non-agricultural uses?				

	Issues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
III.	AIR QUALITY. Would the project:				
	a) Conflict with or obstruct implementation of the applicable air quality plan or regulation?				Ø
	b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?				
	c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is in non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?				V
	d) Expose sensitive receptors to substantial pollutant concentrations (e.g., children, the elderly, individuals with compromised respiratory or immune systems)?				Ø
	e) Create objectionable odors affecting a substantial number of people?				
IV.	BIOLOGICAL RESOURCES. Would the J	project:			
	a) Have a substantial adverse effect, either directly or through habitat modification, on any species identified as a sensitive, candidate, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?				

Issues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?			✓	
c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?				V
d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?				✓
e) Conflict with any local policies or ordinances protecting biological resources, such as a tree preservation policy or ordinance?				
f) Conflict with the provisions of an adopted Habitat Conservation Plan, Natural Community Conservation Plan, or other approved local, regional, or state habitat conservation plan?				✓
CULTURAL RESOURCES. Would the pro	ject:			
a) Cause a substantial adverse change in the significance of a historical resource, as defined in Section 15064.5?		<b>☑</b>		

V.

	Issues	s:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
	th	ause a substantial adverse change in e significance of an archaeological source, pursuant to Section 15064.5?				
	th	isturb any human remains, including ose interred outside of formal emeteries?				
	pa	irectly or indirectly destroy a unique aleontological resource or site, or nique geologic feature?				
VI.	GEO	LOGY AND SOILS. Would the project	ct:			
	sub the ing					
	a A i f s (	Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other subtantial evidence of a known fault? Refer to Division of Mines and Geology Special Publication 42.)			✓	
	ii) s	Strong seismic ground shaking?				
		Seismic-related ground failure, ncluding liquefaction?				
		Landslides?				
		esult in substantial soil erosion or the ss of topsoil?			V	
	th ui po la	e located on a geologic unit or soil at is unstable, or that would become astable as a result of the project, and otentially result in on- or off-site and off-site off-site off-site, lateral spreading, absidence, liquefaction or collapse?				Ø

	Iss	ues:	POTENTIALLY SIGNIFICANT IMPACT	SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
	d)	Be located on expansive soil, as defined in Table 18-1 B of the Uniform Building Code (1997), creating substantial risks to life or property?				Ø
	e)	Have soils incapable of adequately supporting the use of septic tanks or alternative waste disposal systems where sewers are not available for the disposal of waste water?				☑
	f)	Directly or indirectly destroy a unique paleontological resource or site, or unique geologic feature?				Ø
VII.	Н	AZARDS AND HAZARDOUS MATERL	ALS. Would the	e project:		
	a)	Create a significant hazard to the public or the environment through the routine transport, use, or disposal of hazardous materials?				abla
	b)	Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?				
	c)	Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?				$\square$
	d)	Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?				Ø

	Iss	ues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
	e)	For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?				Ø
	f)	For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?				<b>\sqrt</b>
	g)	Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?				V
	h)	Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?			V	
VIII.	Н	YDROLOGY AND WATER QUALITY.	Would the proj	ect:		
	a)	Violate any water quality standards or waste discharge requirements?			$\square$	
	b)	Substantially deplete groundwater supplies or interfere substantially with groundwater recharge, such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level that would not support existing land uses or planned uses for which permits have been granted)?				V

Issues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
c) Substantially alter the existing dra pattern of the site or area, including through alteration of the course of stream or river, in a manner which would result in substantial on- or site erosion or siltation?	ng f a h			
d) Substantially alter the existing drapattern of the site or area, including through alteration of the course of stream or river, or substantially increase the rate or amount of sur runoff in a manner which would in on- or off-site flooding?	ng f a face		Ø	
e) Create or contribute runoff water which would exceed the capacity existing or planned stormwater drainage systems or provide substantial additional sources of polluted runoff?	_		Ø	
f) Substantially degrade water quali	ty?			
g) Place housing within a 100-year flazard area, as mapped on a feder Flood Hazard Boundary or Flood Insurance Rate Map, or other flood hazard delineation maps?	ral			V
h) Place structures that would impede redirect flood flows within a 100-flood hazard area?				
i) Expose people or structures to a significant risk of loss, injury, or from flooding, including flooding resulting from the failure of a lev dam?	7			Ø
j) Result in inundation by seiche, tsunami, or mudflow?				

	Issues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
IX.	LAND USE PLANNING. Would the J	project:			
	a) Physically divide an established community?				$\square$
	b) Conflict with the applicable land us plan, policy, or regulation of any agency with jurisdiction over the project (including, but not limited t general plan, specific plan, local coastal program, or zoning ordinan adopted for the purpose of avoidin mitigating an environmental effect?	o, a ce) g or			
	c) Conflict with any applicable habitate conservation plan or natural community conservation plan?				Ø
X.	MINERAL RESOURCES. Would the	project:			
	a) Result in the loss of availability of a known mineral resource that is or would be of value to the region and the residents of the state?	_			Ø
	b) Result in the loss of availability of a locally important mineral resource recovery site delineated on a local general plan, specific plan, or other land use plan?				Ø
XI.	NOISE. Would the project:				
	a) Generate or expose people to noise levels in excess of standards established in a local general plan of noise ordinance, or in other applicational, state, or federal standards?	or —			Ø
	b) Generate or expose people to excessive groundborne vibrations of groundborne noise levels?	or			Ø

	Iss	sues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
	c)	Create a substantial permanent increase in ambient noise levels in the vicinity of the project (above levels without the project)?				Ø
	d)	Create a substantial temporary or periodic increase in ambient noise levels in the vicinity of the project, in excess of noise levels existing without the project?			☑	
	e)	Be located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport? If so, would the project expose people residing or working in the project area to excessive noise levels?				
	f)	Be in the vicinity of a private airstrip? If so, would the project expose people residing or working in the project area to excessive noise levels?				Ø
XII.	P	OPULATION AND HOUSING. Would the	he project:			
	a)	Induce substantial population growth in an area, either directly (e.g., by proposing new homes and businesses) or indirectly (e.g., through extension of roads or other infrastructure)?				Ø
	b)	Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?				
	c)	Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?				Ø

	Issues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
XIII.	PUBLIC SERVICES. Would the project:				
	a) Result in significant environmental impacts from construction associated with the provision of new or physically altered government facilities, or the need for new or physically altered government facilities, to maintain acceptable service ratios, response times, or othe performance objectives for any of the public services:				V
	Fire protection?				$\overline{\checkmark}$
	Police protection?				$\overline{\checkmark}$
	Schools?				$\overline{\checkmark}$
	Parks?				$\overline{\checkmark}$
	Other public facilities?				
XIV.	RECREATION. Would the project:				
	a) Increase the use of existing neighborhood and regional parks or other recreational facilities, such that substantial physical deterioration of the facility would occur or be accelerated?			✓	
	b) Include recreational facilities or require the construction or expansion of recreational facilities that might have an adverse physical effect on the environment?				

	Iss	ues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT
XV.	T	RANSPORTATION/TRAFFIC. Would the	ne project:			
	a)	Cause a substantial increase in traffic, in relation to existing traffic and the capacity of the street system (i.e., a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?				Ø
	b)	Exceed, individually or cumulatively, the level of service standards established by the county congestion management agency for designated roads or highways?				Ø
	c)	Cause a change in air traffic patterns, including either an increase in traffic levels or a change in location, that results in substantial safety risks?				Ø
	d)	Contain a design feature (e.g., sharp curves or a dangerous intersection) or incompatible uses (e.g., farm equipment) that would substantially increase hazards?		V		
	e)	Result in inadequate emergency access?				$\square$
	f)	Result in inadequate parking capacity?				
	g)	Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?				$\square$
XVI.	U	TLITIES AND SERVICE SYSTEMS. W	ould the project	:		
	a)	Exceed wastewater treatment restrictions or standards of the applicable Regional Water Quality Control Board?				

	Iss	ues:	POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT			
	b)	Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities?				Ø			
	c)	Require or result in the construction of new storm water drainage facilities or expansion of existing facilities?			✓				
	d)	Have sufficient water supplies available to serve the project from existing entitlements and resources or are new or expanded entitlements needed?				V			
	e)	Result in determination, by the wastewater treatment provider that serves or may serve the project, that it has adequate capacity to service the project's anticipated demand, in addition to the provider's existing commitments?				V			
	f)	Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?							
	g)	Comply with federal, state, and local statutes and regulations as they relate to solid waste?				Ø			
XVII.	MANDATORY FINDINGS OF SIGNIFICANCE. Does the project:								
	a)	Have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal?							

Issues:		POTENTIALLY SIGNIFICANT IMPACT	LESS THAN SIGNIFICANT WITH MITIGATION	LESS THAN SIGNIFICANT IMPACT	NO IMPACT	
b)	Have the potential to eliminate important examples of the major periods of California history or prehistory?		Ø			
c)	Have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means the incremental effects of a project are considerable when viewed in connection with the effects of past projects, other current projects, and probably future projects.)				V	
d)	Have environmental effects that will cause substantial adverse effects on humans, either directly or indirectly?				Ø	